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node activation

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### A path availability model for wireless ad-hoc networks - all 7 versions »

 AB McDonald, T Znati - Wireless Communications and Networking Conference, 1999. ..., 1999 - [ieeexplore.ieee.org](#)

 ... n and m, as reflected by the following initial conditions: 1. **Node Activation: Node**

 m activates at time to at a random location within range of **node** n. 2. Link ...

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### Limitations of nonlinear PCA as performed with generic neuralnetworks - all 6 versions »

 EC Malthouse - Neural Networks, IEEE Transactions on, 1998 - [ieeexplore.ieee.org](#)

 ... After the network has been trained, the bottleneck **node activation** values in layer 3 give a lower dimensional representation of the inputs. ...

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### USAP: a unifying dynamic distributed multichannel TDMA slotassignment protocol

 CD Young - Military Communications Conference, 1996. MILCOM'96, ..., 1996 - [ieeexplore.ieee.org](#)

 ... txer/rxer pair, and **node activation**, where a slot is assigned to a txer and all of its nbrs simultaneously rx it ... **Node Activation**, Link **Activation** I ...

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### Low power TDMA in large wireless sensor networks

 G Pei, C Chien, RS Co, T Oaks - Military Communications Conference, 2001. MILCOM 2001. ..., 2001 - [ieeexplore.ieee.org](#)

 ... There are two common slot assignment schemes usually referred to as **node activation** and link **activation**. For **node activation** schemes ...

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### On the use of spreading **activation** methods in automatic information - all 6 versions »

 G Salton, C Buckley - Proceedings of the 11th annual international ACM SIGIR ..., 1988 - [portal.acm.org](#)

 ... The **node activation** process used in the spreading model starts by placing ... Obviously, the **node activation** process used in the spreading system is ...

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### USAP multiple access: dynamic resource allocation for mobilemultihop multichannel wireless ... - all 3 versions »

 CD Young, RC Inc - Military Communications Conference Proceedings, 1999. MILCOM ..., 1999 - [ieeexplore.ieee.org](#)

 ... The frst, known in the literature as "**node activation**", has a transmitter broadcast to all of its neighbors at once rather than individually. ...

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### Predicting **node** proximity in ad-hoc networks: a least overhead adaptive model for selecting stable ... - all 2 versions »

 AB McDonald, T Znati - Proceedings of the 1st ACM international symposium on Mobile ..., 2000 - [portal.acm.org](#)

 ... n and m, as reflected by the following initial conditions: 1. **Node Activation: Node** m activates at time to at a random location within range of **node** n. 2. Link ...

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### Extended fuzzy cognitive maps

 M Hagiwara - Fuzzy Systems, 1992., IEEE International Conference on, 1992 - [ieeexplore.ieee.org](#)

... Table 1 shows each **node activation** as a function of time for the case of the conventional FCM. Table 2 shows that for the case of the proposed E-FCMs. ...

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### Generating ROC curves for artificial neural networks - all 6 versions »

K Woods, KW Bowyer - Medical Imaging, IEEE Transactions on, 1997 - [ieeexplore.ieee.org](#)

... The commonly accepted method of generating ROC points [3]–[6] is to vary a threshold over the range of the output **node activation** (0.0–1.0). ...

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### **[CITATION]** Using weighted networks to represent classification knowledge in noisy domains

M Tan, L Eshelman - Proceedings of the Fifth International Conference on Machine ..., 1988 - Morgan Kaufmann Pub

[Cited by 27](#) - [Related Articles](#) - [Web Search](#)

### Identification of aerodynamic coefficients using computational neural networks - all 6 versions »

DJ Linse, RF Stengel - Journal of Guidance, Control, and Dynamics, 1993 - [pdf.aiaa.org](#)

... where W and b are the weights and biases of the indicated layers, and a[q] is a vector-valued function composed of individual **node activation** functions (5) ...

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### **[CITATION]** In the Speech Wave

JL Elman, JL McClelland - Invariance and Variability in Speech Processes, 1986 - Lawrence Erlbaum Assoc Inc

[Cited by 88](#) - [Web Search](#)

### Effective Data Mining Using Neural Networks - all 11 versions »

H Lu, R Setiono, H Liu - 1996 - [doi.ieeeecs.org](#)

... below. Rule extraction algorithm (RX) 1) Apply a clustering algorithm to find clusters of hidden **node activation** values. 2) Enumerate ...

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### Weed and crop discrimination using image analysis and artificial intelligence methods - all 3 versions »

MJ Aitkenhead, IA Dalgetty, CE Mullins, AJS ... - Computers and Electronics in Agriculture, 2003 - Elsevier

... **Node activation** resulted if the **activation** signal A was over the threshold in each case, and the individual **node** thresholds were adjusted up or down, according ...

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### Adaptive equalization using the complex backpropagation algorithm

C You, D Hong - Neural Networks, 1996., IEEE International Conference on, 1996 - [ieeexplore.ieee.org](#)

... The new **node activation** function ... function required and proposes the **node activation** functions that can deal with multi-point signals of any constellation size. ...

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### Non-linear system identification using neural networks

S Chen, SA Billings, PM Grant - International Journal of Control, 1990 - [informaworld.com](#)

... **node activation** function  $a(\bullet)$ , as follows:  $y = a(\sum W_i X_i + I)$  (4) ... where  $X_i$  are the **node** inputs and  $y$  is the **node** output. The **activation** function  $a(\bullet)$  ...

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### Hybrid channel access scheduling in ad hoc networks - all 14 versions »

L Bao, JJ Garcia-Luna-Aceves - Proc. IEEE Tenth International Conference on Network ..., 2002 - [doi.ieeeecomputersociety.org](#)

... show that HAMA achieves higher channel utilization in ad hoc networks than a distributed scheduling scheme based on **node activation**, similar throughout as a ...

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[A mobility-based framework for adaptive clustering in wireless adhoc networks - all 10 versions »](#)

AB McDonald, TF Znati - Selected Areas in Communications, IEEE Journal on, 1999 - [ieeexplore.ieee.org](#)

... the algorithm. Hard-state events include **node activation**, **node** deactivation, link **activation**, and link failure. In general, the ...

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[Using radial basis functions to approximate a function and its error bounds - all 3 versions »](#)

JA Leonard, MA Kramer, LH Ungar - Neural Networks, IEEE Transactions on, 1992 - [ieeexplore.ieee.org](#)

... Note that each RBF unit has a significant **activation** over a specific region determined by  $m_h$  and  $u_h$ . The value of the  $i$ th output **node**,  $y_i$ , is given by ...

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[Generalized versions of turbo decoding in the framework of Bayesian networks and Pearl's belief ... - all 5 versions »](#)

P Meshkat, JD Villasenor - Communications, 1998. ICC 98. Conference Record. 1998 IEEE ..., 1998 - [ieeexplore.ieee.org](#)

...ferred to as the "**node activation** schedule" or, equivalently, the "timing schedule."

In a loop-free network all different timing schedules result in a ...

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Key authors: [A McDonald](#) - [G Carpenter](#) - [S Chen](#) - [T Znati](#) - [H Lu](#)

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